

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	Daryl C. Cromer et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	RPS9-2001-0071-US1

[illegible][illegible]

Examiner Signature	/Vitali Korobov/	Date Considered	08/24/2006
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

English language translation is attached.

**Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete If Known</b>		
			Application Number		
			Filing Date		
			First Named Inventor	Daryl C. Cromer et al.	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	RPS9-2001-0071-US1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VAK	06	REGIS J. "BUD" BATES AND DONALD W. GREGORY, Voice and Data Communications Handbook, Fourth Edition, Osborne/McGraw-Hill, 2001, pp.603-610	
VAK	07	PETER NORTON AND DAVE KEARNS, Peter Norton's Complete Guide to Networking, Sams/Macmillan, 1999, pp. 60-62, 67	
VAK	08	JEFFREY WHEAT, RANDY HISER, JACKIE TUCKER, ALICIA NEELY, AND ANDY MCULLOUGH, Designing a Wireless Network, Syngress, Rockland, MA, 2001, pp. 128-143, 254	
	09	CARL ZACKER, Networking: The Complete Reference, Osborne/McGraw-Hill, 2001, Pp. 108-124	

Examiner Signature	/Vitali Korobov/	Date Considered	08/24/2006
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FORM PTO - 1449 (Modified)  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)  Sheet 1 of 1	<b>Application Number</b>	10/061479
	<b>Filing Date</b>	Feb. 1, 2002
	<b>First Named Inventor</b>	Cromer et al;
	<b>Group Art Unit</b>	2152
	<b>Examiner Name</b>	unknown
	<b>Attorney Docket Number</b>	RP920020071US1

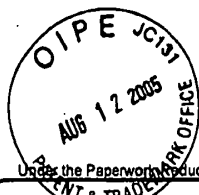
US PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Columns, Lines Where Relevant Passages Appear

FOREIGN PATENT DOCUMENT						
Examiner Initials	Cite No.	Foreign Patent Document Number	Kind Code	Name of Patentee of Applicant of Cited Document	Date of Publication mm/dd/yyyy	Pages, Columns, Lines Where Relevant Passages Appear
	A1	JP 2000-151497			30/05/2000	

OTHER ART (Including Author (CAPITAL LETTERS), Title, Date, Pertinent Pages, etc.)		
Examiner Initials	Cite No.	
VAK	A2	"Packet Relay System for Wireless LAN" IBM Technical Disclosure Bulletin, Vol 39, No. 2, 1996 Feb., pp133 - 35.
VAK	A3	BOWMAN, R.D. et al; "Channel Access for Simultaneous Voice and Data Transmissions in a Multiple Hop Packet Radio Network," Military Communications Conference, 1998, MILCOM 98. Proceedings., IEEE, vol. 1, 18 - 21 Oct. 1998, pp 193-97.
VAK	A4	BOWMAN, R.D., et al; "Route Selection for Data Packets in a Tactical Packet Radio Network Using Integrated Voice and Data Transmissions," Military Communications Conference, 1999, MILCOM 1999. IEEE, vol. 2, 31 Oct. - 3 Nov. 1999, pp 756 - 60.
Examiner Signature /Vitali Korobov/		Date Considered 08/24/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.





PTO/SB/088 (07-05)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/061,479
Filing Date	02/01/2002
First Named Inventor	Daryl C. Cromer
Art Unit	2155
Examiner Name	Vitali A. Korobov
Attorney Docket Number	RPS9 2001 0071

Sheet

2

of

2

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VAK	2	"Packet Relay System for Wireless LAN" IBM Technical Disclosure Bulletin, Vol 39, No. 2, Feb 1996 pp 133-35.	
VAK	3	F. GFELLER, "Infrared Microbroadcasting Network for In-House Data Communication" IBM Technical Disclosure Bulletin Vol. 24, No. 8 Jan 1982, pp 4043-46	
VAK	4	A.R. WHEELER, ET AL. "Physical Layer Repeater for Infrared Cableless Local Area Network, IBM Technical Disclosure. Bulletin Vol. 29, No. 9 Feb 1987 pp 4205-6	
VAK	5	R.D. BOWMAN ET AL. "Channel Access for Simultaneous Voice and Data Transmissions in a Multiple Hop Packet Radio Network"	
VAK		Military Communications Conference, 1998, MILCOM 98 Proceedings, IEEE Vol. 1, 18-21 Oct 1998 pp 193-97	
VAK	6	R.D. BOWMAN ET AL. "Route Selection for Data Packets in a Tactical Packet Radio Network using Integrated Voice and Data Transmissions"	
		Military Communications Conference, 1999, MILCOM 99 IEEE Vol 2 31 Oct - 3 Nov 1999, pp 756-60	

Examiner  
Signature

/Vitali Korobov/

Date

Considered

08/24/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 3

In re application of: Cromer et al;

Application No.: 10/061479

Group No.: 2152

Filed: Feb. 1, 2002

Examiner: unknown

For: *EXTENDING AN ALLOWABLE TRANSMISSION DISTANCE BETWEEN A WIRELESS DEVICE AND AN ACCESS POINT BY COMMUNICATION WITH INTERMEDIATE WIRELESS DEVICES*

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))**

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

Date: October 26, 2002

CM Bustamante

Carlos Munoz-Bustamante  
Registration No. 51,349  
(919) 254-2587  
Customer No. 25299

CERTIFICATE OF MAILING § 1.8	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231	
on	<u>August 26, 2002</u>
	Date of Deposit
<u>Amirah Scarborough</u>	<u>Amirah Scarborough</u>
Name of Person Mailing Document or Fee	Signature of Person Mailing Document or Fee

FORM PTO - 1449 (Modified)	Application Number	10/061,479
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	Filing Date	Feb. 2, 2002
	First Named Inventor	Cromer et al
	Group Art Unit	2152
	Examiner Name	UNKNOWN
	Attorney Docket Number	RPS920010071US1
Sheet 1 of 1		

US PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code	Name of Patentee of Applicant of Cited Document	Date of Publication	Pages, Columns, Lines Where Relevant Passages Appear

FOREIGN PATENT DOCUMENT						
Examiner Initials	Cite No.	Foreign Patent Document Number	Kind Code	Name of Patentee of Applicant of Cited Document	Date of Publication mm/dd/yyyy	Pages, Columns, Lines Where Relevant Passages Appear

OTHER ART (Including Author (CAPITAL LETTERS), Title, Date, Pertinent Pages, etc.)		
Examiner Initials	Cite No.	
VAK	AA	CLARK, G.L. ET AL. "Physical Layer Repeater for Infrared Cableless Local Area Network," Technical Disclosure Bulletin, February 1987, pp 4205 -6.
VAK	AB	GFELLER, G., "Infrared Microbroadcasting Network for In-House Data Communication," Technical Disclosure Bulletin, January 1982, pp 4043-46.

Examiner Signature	/Vitali Korobov/	Date Considered	08/24/2006
--------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.